

HSDPA 7.2/HSUPA 2Mega & ADSL2+ Router

3G BACK-UP - Code 8D5632

- Connect your LAN to the Internet **via UMTS**
- Download speed **up to 7.2M** and Upload **up to 2M**
- Your ADSL always online with the **3.5G Backup** function
- Built-in **54 Mbps Wi-Fi module**
- **Web based** configuration

DESCRIPTION

3G Back-Up is a latest generation **HSDPA router** totally integrated. It is **equipped with a 3G module** that integrates the **maximum performances of the mobile UMTS network**.

In particular, thanks to the **HSDPA and HSUPA technologies** the download speed can reach the **7.2 Mbps**, while the upload speed is up to 2 Mbps.

3G Back-up is ideal in all those applications that require **performing transmissions** (for example when sending large size mail attachments) and mainly in **video applications** or for the **back-up of ADSL or SHDSL lines**.

With reference to HSDPA products available on the market that have a maximum Upload speed of 384Kbps, this means an important technological and applicative step beyond. In this way it is possible to take all the “wired” Internet applications over the “wireless” technology too.

3G Back-up is also an **ADSL 2/2+ router with speed up to 24Mbps**. With a sole device it is possible to carry out **Back-up applications of the ADSL line** with an integrated device, making easier the coexistence of 2 gateways on the same network and no need to reconfigure the LAN PCs.

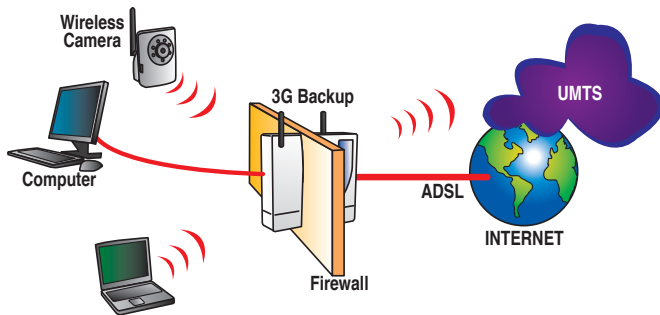
With 3G Back-Up you will carry out **3 different connection types: ADSL, 3.5G or ADSL with backup over HSDPA**.

You can also add a rechargeable backup battery for a continuous operation of your Gateway even if the power line falls down.



MANAGEMENT AND CONFIGURATION

3G Back-Up can be setup and managed via WEB interface, apart from the used operating system. Furthermore it is supported the management of TR069 protocol for applications with mobile telecom operators.



TECHNICAL FEATURES

Wireless WAN

- 3G Gateway for Back Up and/or 3G Router applications
- UMTS technology with HSDPA Category 8 (7.2 Downlink)
- HSUPA Category 5 (2.0 Uplink upgradable up to 5.76 Mbps)
- EDGE/GPRS Class 12
- Bands: UMTS 2100/1900/850 MHz
- Bands: EDGE/GPRS/GSM 850/900/1800/1900MHz

Hardware

- Web based local and remote configuration
- LAN: 1 10/100 Ethernet port
- Size: 290 x 135 x 80 mm (antenna included)
- Reset to Factory Default button
- 12VDC/1.2A external power supply
- 2 SIM holder
- Operating temperature 0-40 °C
- Non-condensing humidity: 20-95%
- Battery Back-up (optional) Li-ion
- CE Mark

Network Functionalities

- Full Routing IP (static and dynamic, NAT, Dynamic DNS (DDNS))
- Firewall (SPI) and protection from DoS attacks, Packet Filtering, URL content
- DMZ, VPN Pass-through
- DHCP Server/Client support

Wireless LAN

- Wireless up to 54Mbps (IEEE802.11g, b)
- 64/128 bit WEP, WPA-PSK/WPA2-PSK encryption

Management

- WEB based local/remote configuration and management
- WEB based Firmware upgrade
- Management via TR069 protocol

ADSL

- Built-in ADSL 2/2+ router
- Standards: ADSL2+, G.dmt bisplus (ITU G.992.5); ADSL 2 G.dmt.bis (ITU G.992.3), Full-rate ADSL T1.413 Issue 2, G.dmt (ITU G.992.1), G.Lite (ITU G.992.2) G.hs (ITU G.994.1), ATM Adaptation Layer Type 5 (AAL5)
- Multiple Protocol over AAL5 (RFC 2684 Formerly RFC 1483); Bridge or Routed Ethernet encapsulation, VC and LLC based mux PPP over Ethernet (PPPoE) and PPP over ATM (PPPoA)